IN THE CLAIMS:

34 -64 (Cancelled)

65. (NEW) An improved supplemental restraint system for a vehicle, comprising:

a weight-sensing unit operatively secured beneath at least one seat in said vehicle;

a computerized system communicatively connecting said unit to a supplemental restraint system installed in said vehicle, said supplemental restraint system comprising at least one airbag system each having at least one airbag, each said airbag system corresponding to one of said seats;

said weight-sensing unit being configured for taking weight measurements of an occupant in a said seat, converting said weight measurements into one or more electrical signals, and communicating said electrical signals to said computerized system;

said computerized system being programmably configured to calculate an operating weight value from said electrical signals corresponding to said weight measurements for each said seat and to communicate said operating weight value to said airbag system corresponding to said seat;

each said airbag system being electronically configured for receiving said operating weight value for said seat and for mechanically adjusting a deployment unit within said airbag system to deploy said at least one airbag with a deployment force and acceleration for airbag inflation that are proportionate to said weight measurements.